Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 04 Oct 2021 until 23:59 on Tuesday 05 Oct 2021

Forecast Issued on Sunday 03 Oct 2021 at 15:48

Confidence: High for an unsettled start to the week and for becoming rather more settled later in the week but confidence lower for extent of heavier rain Tuesday and cloud amounts later in week.

Headline for Monday 04 Oct 2021: Sunny spells and heavy, thundery showers. Strong southwesterly winds easing

Mountain weather hazards on Monday 04 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers (night)	Heavy rain showers (night)	Heavy rain showers	Thundery showers	Heavy rain showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
30%	30%	30%	30%	40%	40%	30%	20%

Forecast for Monday 04 Oct 2021

Weather: Clear or sunny spells, best of these in the east, and heavy, perhaps occasionally thundery showers with a risk of hail at times. The showers become lighter and less frequent through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 40% in west but nearer 75% in east.

Visibility: Occasional or, more especially in west, periods of cloud above 600-750m with patches below. Otherwise visibility very good falling to just a few kilometres in heavier showers and perhaps a kilometre or less in hail.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Monday 04 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 SW	16/23 SW	16/24 S	15/22 SW	18/26 SW	16/24 SW	13/20 S	10/16 S	7/11 SE
300	6/17 SW	7/17 S	8/18 S	9/19 SW	12/24 SW	9/20 SW	5/14 S	5/13 SE	4/10 E
Valley	5/16 SW	7/18 S	8/19 S	8/19 S	8/18 SW	7/17 SW	5/12 S	6/13 SE	6/13 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	6/2	6/2	6/2	7/3	7/4	7/3	6/3	6/4
300	9/7	8/6	8/6	9/7	10/7	10/8	9/7	8/7	8/7
Valley	10/9	10/8	9/7	10/8	11/9	11/10	10/9	10/8	9/8
Freezing Level*	1600m	1600m	1600m	1600m	1600m	1500m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures in east locally 6 or 7 Celsius at dawn and 14 or 15 Celsius by day. Rather chilly on summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 03 Oct 2021	15.4mm	30.4mm	39.6mm

Forecast for Tuesday 05 Oct 2021

Weather: Cloud increases from the southwest overnight, with occasionally heavy rain spreading east towards the end of the night. Then a mostly cloudy day with further outbreaks of rain. Becoming drier from the west during the late afternoon and evening with most places dry with clear spells by midnight.

Maximum wind: Easterly 10-15mph turning more northerly 20-25mph towards dawn, then northwesterly 25-30mph later in the afternoon with gusts around 45mph over higher summits.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day but improving through the evening.

Visibility: Periods or persistent cloud above 450-600m with patches below, the cloud lifting and breaking through the evening. Otherwise visibility rather hazy falling to just a few kilometres in heavier rain.

Temperature: **Valleys:** Plus 8 or 9 Celsius at first rising to plus 12 or 13 Celsius by day
At 600m: Around plus 7 Celsius
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved